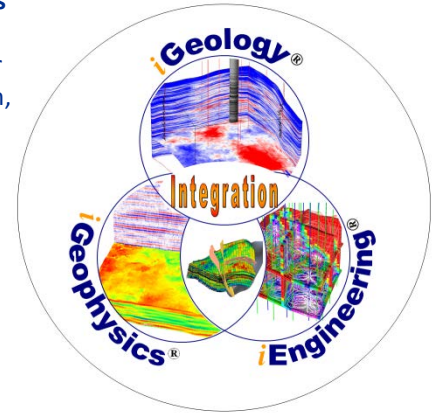


## We provide the Ultimate Answer for your Reservoir!

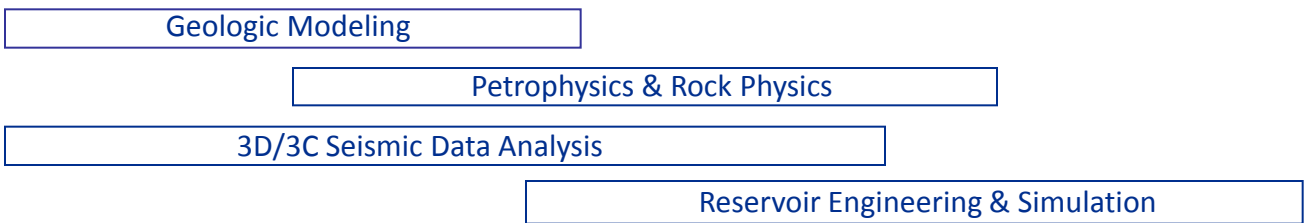
iReservoir provides **world-class reservoir characterization and simulation consulting services** to oil and gas companies using state-of-the-art geosciences and engineering technologies. iReservoir is unique in our ability to offer truly integrated reservoir characterization, reservoir engineering and modeling from core and analog outcrop work, rock physics, seismic inversion, static geomodeling, upscaling, reservoir simulation, on through to uncertainty analyses, operational recommendations, and unconventional reservoir development.

### How do we do it?

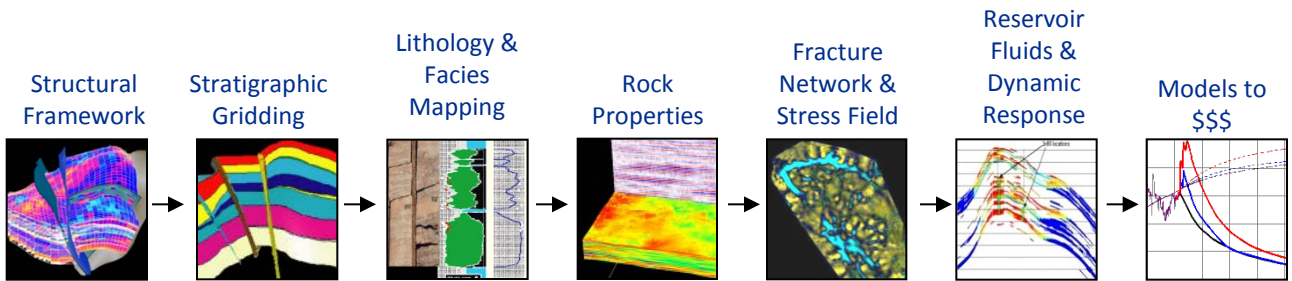
- By integrating data and knowledge non-sequentially among disciplines
- By performing regular QC and consistency checks throughout the study
- By using "Best of Class" software for each discipline instead of single platform from one vendor
- By honoring ALL data and paying attention to details



### DISCIPLINES



### WORKFLOW



### TECHNOLOGIES

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>• Structural Modeling</li> <li>• Depositional Models</li> <li>• Fault &amp; Fracture Analysis</li> <li>• Seismic Interpretation</li> <li>• Outcrop Analogs</li> <li>• Seismic Sequence Stratigraphy</li> <li>• Sequence Stratigraphy</li> <li>• Stratigraphic &amp; Facies-Constrained Rock Property Distribution</li> <li>• Facies Description</li> <li>• Facies Proportion Curves</li> </ul> | <ul style="list-style-type: none"> <li>• Seismic Facies Probability Curves</li> <li>• Advanced Petrophysical Modeling</li> <li>• Rock Physics</li> <li>• 3D AVO Inversion</li> <li>• 3D-3C Seismic Inversion</li> <li>• Probabilistic Seismic Attribute Calibration</li> <li>• Reservoir Geomodeling</li> <li>• Unconventional Reservoir Characterization</li> <li>• Streamline Simulation</li> <li>• GPU (Echelon) Flow Simulation</li> </ul> | <ul style="list-style-type: none"> <li>• NFR Characterization &amp; DFN Simulation</li> <li>• Well Test Analysis</li> <li>• Rock / Fluid Analysis</li> <li>• Shale Gas Simulation</li> <li>• Tight Gas Simulation</li> <li>• IOR/EOR</li> <li>• Compositional Fluid Characterization &amp; Simulation</li> <li>• Rate &amp; Reserve Uncertainty Analysis</li> <li>• Production Data Analysis</li> </ul> |
|---|--|---|

## Reservoirs studied in detail

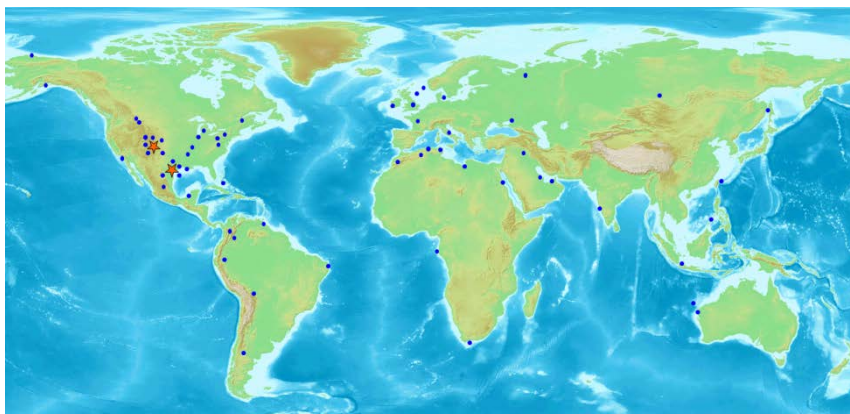
### By Geologic Setting

Geologic Setting	Area/Basin
<b>Tight Gas Sands</b>	Bossier, Hugoton, Jonah, Panhandle, Piceance, Pinedale, Spraberry
<b>Shale Gas</b>	Antrim, Barnett, Geneseo, Marcellus, New Albany, Utica
<b>Tight Oil</b>	Bakken, Can Creek, Cardium (CA), Codell, Eagle Ford, Frontier, Kreyenhagen, Lias (FR), Miss Lime, Monterey, Mowry, Neuquen, PRB, Three Forks, Vaca Muerta (CA), Wolfberry, Wolfcamp
<b>Basin Centered Gas</b>	Jonah, Piceance Basin, Pinedale
<b>Complex Structure</b>	Bolivia, Colombia, Kurdistan, Troika, Venezuela, WY Thrust Belt
<b>Complex Stratigraphy</b>	Cook-Inlet, Williston Basins, Wind River
<b>Coal Bed Methane</b>	Illinois Basins, Piceance, Powder River
<b>Carbonates</b>	Big Horn, Campos Basin Alban, Kurdistan, Mexico, Mid-Magdalena Basin, Permian
<b>Fractured</b>	Bighorn Basin, Bolivia, Brazil, Colombia, Kurdistan, Mexico, Middle East, Permian Basin, Venezuela
<b>Volcanic</b>	North Africa, Panhandle Basement
<b>Chalks</b>	Austin Chalk, Niobrara, North Sea

### By Fluid Type

Fluid Type/Rec Proc	Area/Basin
<b>Condensates</b>	Colombia, Morocco, North Sea, Texas
<b>Heavy Oil</b>	Bighorn Basin, Canadian Cold Flow, Llanos Basin
<b>Adsorbed Gas / Coal Gas</b>	Barnett, Utica
<b>Acid Gas</b>	Wyoming Deep Madison
<b>EOR (CO2, Polymer)</b>	Bighorn, Illinois Basin, Permian Basin, Wind River
<b>Waterflood</b>	DJ Basin, Illinois, Kansas, Permian, Williston Basin
<b>Immiscible Gas Injection</b>	Bighorn Basin, Middle East, Permian Basin
<b>HTHP (High Temperature/ High Pressure)</b>	North Sea, Wyoming Deep Madison
<b>Conventional Depletion</b>	Numerous Fields

***Extensive experience in both clastic and carbonate reservoirs!  
250+ reservoir studies completed around the world***



### iReservoir's Clients

- Large independents
- Majors with in-house service groups needing load-leveling
- Smaller independents playing catch-up with integrated reservoir characterization and simulation technology

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